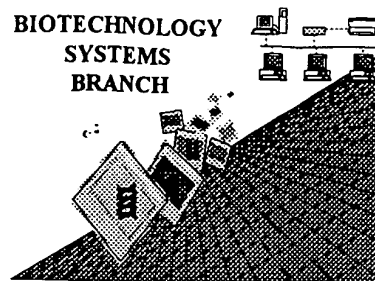


## RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/696,664

Source: OIRE

Date Processed by STIC: 5/3/2001

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

**FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.**

**FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.**

**PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:**

### **Checker Version 3.0**

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

**Checker Version 3.0 can be down loaded from the USPTO website at the following address:**  
**<http://www.uspto.gov/web/offices/pac/checker>**

OIPE

Does Not Comply  
Corrected Diskette Needed

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/696,664

DATE: 05/03/2001  
TIME: 15:51:52

Input Set : D:\CORNJUM1099REG.RPT  
Output Set: N:\CRF3\05032001\I696664.raw

PP-1-5

OK

1 <110> APPLICANT: Abad, Mark S.  
2 Andersen, Scott E.  
3 Dubois, Patrice  
4 Mahadeo, Debbie A.  
5 Masucci, James D.  
7 <120> TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With  
8 Plants  
10 <130> FILE REFERENCE: 38-21(51721)A  
12 <140> CURRENT APPLICATION NUMBER: US/09/696,664  
12 <141> CURRENT FILING DATE: 2001-04-23  
12 <150> PRIOR APPLICATION NUMBER: US 60/161,619  
14 <151> PRIOR FILING DATE: 1999-10-26  
16 <160> NUMBER OF SEQ ID NOS: 17472  
18 <210> SEQ ID NO: 1  
19 <211> LENGTH: 416  
20 <212> TYPE: DNA  
21 <213> ORGANISM: Zea mays  
23 <223> OTHER INFORMATION: Clone ID: LIB3179-001-P1-K1-A11  
25 <400> SEQUENCE: 1  
27 attaccatag gctcattcat cgaaacgcaa atcagagaga caggaaaaga aaaaagaatt 60  
29 ttgatcaaat caatagaagg aaggatccct tacctgattt gaatttcac ctccttttaa 120  
31 taggatatgc tctaagtctt ccatacttt cctataatga ctgcaacgat tttctocatt 180  
33 ttgcgaattc ctatttttatt tgaagtatat tactatcata tacattatct aaatcgatcc 240  
35 actttaaata aatagaaaa aatcgaaa gaaaaaaaaa gaaagagtaa ataataaaac 300  
37 aggatattct gtttcataat tctgaaatag agttcttttt tttagtatta ctctcatta 360  
39 ggatgtatat attaatacat ctattttaat atatattaat catcctattt taatta 416  
42 <210> SEQ ID NO: 2  
43 <211> LENGTH: 157  
44 <212> TYPE: DNA  
45 <213> ORGANISM: Zea mays  
47 <223> OTHER INFORMATION: Clone ID: LIB3179-001-P1-K1-A12  
49 <400> SEQUENCE: 2  
51 gtttgcaagta tcaaagagtt taaactgatg ttgtaaccat gcaaaggctg aaaattttta 60  
53 agagtatggg agaaacctta atctaaagaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 120  
55 aaaaaaaaaa aaaaaaaaaa ataaaaataa attataaa 157  
58 <210> SEQ ID NO: 3  
59 <211> LENGTH: 420  
60 <212> TYPE: DNA  
61 <213> ORGANISM: Zea mays  
63 <223> OTHER INFORMATION: Clone ID: LIB3179-001-P1-K1-A2  
65 <400> SEQUENCE: 3  
67 gcgcgttgtg agaattctta attcatgagt tgtaggagg gacttatgtc accacaaaca 60  
69 gaaactaaag caagtgttgg atttaaagct ggtgttaagg attataaatt gacttactac 120  
71 accccggagt acgaaaccaa ggatactgat atcttggcag cattccgagt aactcctcag 180  
73 ctccggggttc cgcctgaaga agcaggagct gcagtagctg cggaatcttc tactgggtaca 240  
75 tggacaactg tttggactga tggacttacc agtcttgatc gttacaaagg acgatgctat 300  
77 cacatcgagc cgttctctgg ggaccagat caatatatct gttatgtagc ttatccatta 360

(global env)

→ L2207 ← insert this MANDATORY

numeric  
identifier

whenever L2217,

L2227, or L2237

is shown

(see 1.823 of sequence rules)

same env

same

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/696,664

DATE: 05/03/2001

TIME: 15:51:52

Input Set : D:\CORNJUM1099REG.RPT

Output Set: N:\CRF3\05032001\I696664.raw

79 gacctatttg aagagggttc ttgtactaac atgtttactt tcattgtggg taacgtattt 420  
82 <210> SEQ ID NO: 4  
83 <211> LENGTH: 256  
84 <212> TYPE: DNA  
85 <213> ORGANISM: Zea mays  
87 <223> OTHER INFORMATION: Clone ID: LIB3179-001-P1-K1-A3  
89 <400> SEQUENCE: 4  
91 caacccttcc ggtttgtgtt taaagtttgc attttttttg cagagctggc ggatacggag 60  
93 tcgtaggtgg gcttgggtacg ttgatgatca cagacaggac acgatcggat cggggttagat 120  
95 aaagagggat aaaagtggag gacggctgta cagacacgta cggagatgcc actgctgtga 180  
97 tgaacacgc tatttgcagg gcgaacctg ttactatcat gtgcttcttg tcaggtacca 240  
99 tatgtactc gatggt 256  
102 <210> SEQ ID NO: 5  
103 <211> LENGTH: 364  
104 <212> TYPE: DNA  
105 <213> ORGANISM: Zea mays  
107 <223> OTHER INFORMATION: Clone ID: LIB3179-001-P1-K1-A4  
109 <400> SEQUENCE: 5  
111 gtcttcacac tcctcgccga cgacctgag gccttcgcgg agctcaaggt gaaggagctc 60  
113 aagaacggcc gcctcgccat gttctccatg ttggggttct tcgtccaggc catcgtcacc 120  
115 ggcaagggcc cgctcgagaa cctcgccgac cactcgccg acccgcgtaa caacaacgca 180  
117 tgggcttatg ccaccaactt tgtgcccgcc aagtgagggg gtggaggcgc caccgcccac 240  
119 cggccaccgc tgcggatata taggtgttcg gatgcacgtg agcgcgcact ggttccagtt 300  
121 tgtaccatga tgtaaattac ttaccgtacc agggttcaat cggcaaggaa gaattgttgt 360  
123 gttc 364  
126 <210> SEQ ID NO: 6  
127 <211> LENGTH: 361  
128 <212> TYPE: DNA  
129 <213> ORGANISM: Zea mays  
131 <223> OTHER INFORMATION: Clone ID: LIB3179-001-P1-K1-A5  
133 <400> SEQUENCE: 6  
135 ggcaaaagaga ttgagaagtc tacctccagc atcttccac ttcaaaacgt ctcatccgc 60  
137 aaggtgaaga tactcaaggc cccaagttt gatctcgga agttgatgga ggttcattggc 120  
139 gactacaaag aggacgttgg tgtgaagctt gagaggcctg tcgagggtga tgaggctatg 180  
141 caggaggttg ctgctgccga gtagtttatt tgctacttct ttatctagac gaatctggac 240  
143 aggaggtccc ttatgacgcg aacttcataa aattgtctgg cgacatgttt tcttctgtcc 300  
145 ctgccctaaa ctctaaaccc aaagggttatt cgtaacaagt gttttaagat tatttttgtt 360  
147 t 361  
150 <210> SEQ ID NO: 7  
151 <211> LENGTH: 317  
152 <212> TYPE: DNA  
153 <213> ORGANISM: Zea mays  
155 <220> FEATURE:  
156 <221> NAME/KEY: unsure  
157 <222> LOCATION: (1)..(317)  
158 <223> OTHER INFORMATION: unsure at all n locations  
159 <223> OTHER INFORMATION: Clone ID: LIB3179-001-P1-K1-A6  
161 <400> SEQUENCE: 7  
163 ctttatccaa gctccatttt ctctgaggaa gcgaaccttc cctttcccca ggcacagatc 60

*same**same**same*

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/696,664

DATE: 05/03/2001

TIME: 15:51:52

Input Set : D:\CORNJUM1099REG.RPT

Output Set: N:\CRF3\05032001\I696664.raw

165 cggtctctcg ccgccgctat ggccgctcgc cgcctcctcc ttctcctcgc cgttgctcgc 120  
 167 gcgtccctcc tggctgccga cgcgcggccg tgccacggct tcctcgtcgc catcccgctcc 180  
 169 gatcccaacc ccgaccccag cagaggcgac ggccgctca accgccacct cggcgtcccc 240  
 171 *OK* cagctcgcca cggatcacac cgtcttccgc gtccgcgcgc tcgggtccaca cgtnccccac 300  
 173 ggtccaccga accacca 317  
 176 <210> SEQ ID NO: 8  
 177 <211> LENGTH: 342  
 178 <212> TYPE: DNA  
 179 <213> ORGANISM: Zea mays  
 181 <223> OTHER INFORMATION: Clone ID: LIB3179-001-P1-K1-A8 *same error*  
 183 <400> SEQUENCE: 8  
 185 aacggtctgt acctgagtc tcgaacggtt gaaggccatt cctacctgca gtttgcatcg 60  
 187 gaagacattg gtgaccaag tgtgaggttc atcacctaca accacaagggt gaacggcaaa 120  
 189 cgggtggtgc gcttcaagtc gaacatctc ggcaagttct ggaggcggag cccaactgg 180  
 191 atctgggccc acaccgacga caccagcacc aagaactccg acacctgtt cgaggtcatc 240  
 193 aagatcgacg aggacggtgt gtacgcgctc cggaacctcg gcaacaacca cttctgccac 300  
 195 aggtgacct acgacggcaa ggagagctgc ctgaatgccca ca 342  
 198 <210> SEQ ID NO: 9  
 199 <211> LENGTH: 388  
 200 <212> TYPE: DNA  
 201 <213> ORGANISM: Zea mays  
 203 <223> OTHER INFORMATION: Clone ID: LIB3179-001-P1-K1-A9 *same*  
 205 <400> SEQUENCE: 9  
 207 tgcattgatga gattattcaa ctggagttca gtcattatga tgtcaaatcg tctaaaacaa 60  
 209 taccagcaaa ggattttgca ttgtccatgg ttgcttctgc tgacatgaac catatcaaca 120  
 211 agctgcttga tagagttgat agtttggtca aggagccaga tctgaaggac atacgcatca 180  
 213 cctttgagga gtttaaggca ttgtctgatt tgcgacgaag attggagcca ctgtcgatgg 240  
 215 ctatctttgc ttacggtaaa ttgaatgggt tattgacgaa agaggatcta aaacgtgcag 300  
 217 cgcaacatgt ttgcggggtc gacttaacag atagagtagt agacatcatt ttccatgtgt 360  
 219 tcgacacaaa tcaagatggg aacttgag 388  
 222 <210> SEQ ID NO: 10  
 223 <211> LENGTH: 409  
 224 <212> TYPE: DNA  
 225 <213> ORGANISM: Zea mays  
 227 <223> OTHER INFORMATION: Clone ID: LIB3179-001-P1-K1-B1 *same*  
 229 <400> SEQUENCE: 10  
 231 cggttggtgt acgagggcgc caatgtggga gatgagttcg tggagacgga gtactacaag 60  
 233 gacctcggcg gcgtcggcga gcagcaccac acgaccgga cgggcttcat caagatggac 120  
 235 aaagctaaa ggcgccctt caaactgtct gaagatcca atgcagagga gcgacatgct 180  
 237 tcttgacagg gaaacctgc taccaacgag tggatcccg cagctgacac ggtgtacctg 240  
 239 gcgtcagaca agccaagcag aagcgacagc tgagggactg tatatctcca gccatgagaa 300  
 241 ttcagacgag tgctttccac cattagaata agaaaccaca ctggttgctc accatatctt 360  
 243 tactgtttct gcgtgagatt cttgtgattc ttacgtggaa caaattaag 409  
 246 <210> SEQ ID NO: 11  
 247 <211> LENGTH: 336  
 248 <212> TYPE: DNA  
 249 <213> ORGANISM: Zea mays  
 251 <223> OTHER INFORMATION: Clone ID: LIB3179-001-P1-K1-B11 *same*  
 253 <400> SEQUENCE: 11

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/696,664

DATE: 05/03/2001

TIME: 15:51:52

Input Set : D:\CORNJUM1099REG.RPT

Output Set: N:\CRF3\05032001\I696664.raw

```

255 gctgcgttga ctcgggtttg gtcgacaata ttgggttctg tgcgggtaat gccggttgca 60
257 tcattatgga agacagatgt ggaggccgtt ggccggtgcc tgctcgtgat gcgctttccc 120
259 tggatgtcat ttgattaatt ataagcaagt acgtgaagaa acgaggcca gacgactgtc 180
261 gtccagcgat tggttatttg tgaacttgtc gtttgtcttc ttatttcaac tttccaataa 240
263 gccccttcgt gaagtgtcat ccgcttcaaa gtctgtcgac tgttacgtat acaaacttat 300
265 atatcaaatt aagacggcgc ccgtaccgtg tgtatt 336
268 <210> SEQ ID NO: 12
269 <211> LENGTH: 373
270 <212> TYPE: DNA
271 <213> ORGANISM: Zea mays
273 <223> OTHER INFORMATION: Clone ID: LIB3179-001-P1-K1-B12 same
275 <400> SEQUENCE: 12
277 gttccgacat ggttgacatc catgcgtcga tctcttttca ggccctgcac tgcgagaaga 60
279 agtaccttcg catccaggat gatactttga ctgggaacgc atcgtccgtg gacatcgcca 120
281 ccaaggagaa catggagtct ctgatatcga tcggccagga gctgctcaac aagccagtgg 180
283 cgagagttaa catcgacaca gggctgtacg agtcctgcga gggtagggc acaaatgcac 240
285 agtcgctagc tgacttcgcc aagcagctct ctgacgagcg caagctacgc aagagcaatc 300
287 tcaacttcaa ctaataaata ccttttggtc acagcatgtg ctcttttttg tggatcaccg 360
289 gttcttattt tta 373
292 <210> SEQ ID NO: 13
293 <211> LENGTH: 145
294 <212> TYPE: DNA
295 <213> ORGANISM: Zea mays
297 <223> OTHER INFORMATION: Clone ID: LIB3179-001-P1-K1-B2 same
299 <400> SEQUENCE: 13
301 ggttggtgta cgaggactcc aatgtttttt atgagttcgc ggagacggtg ttcggggagg 60
303 tttttagagg tcttagccag ctccactata cgaccggtac gggtagtaaa aagactgaca 120
305 tagctaaagg cgcccgtttt aaact 145
308 <210> SEQ ID NO: 14
309 <211> LENGTH: 409
310 <212> TYPE: DNA
311 <213> ORGANISM: Zea mays
313 <223> OTHER INFORMATION: Clone ID: LIB3179-001-P1-K1-B3 same
315 <400> SEQUENCE: 14
317 tccggttttg gtttacacct tggttttga aggccagggc tgctgttcc gcgttcgtct 60
319 ttgggttcgt tacgttcattg tccattggag gattcccttc gttcgttgaa gaaatgaagg 120
321 tcttcagcg ggaacggctg aacgggcact acggtgtcgc ggcgtttgtc atcagcaaca 180
323 ccatctcggc aacgccgttc ctgattctga tatgcttctt gtcgggaacc atatgtact 240
325 tcatggtgag cctccatcct ggcttcgagc actacatctt ctctgtcttg aacctgtacg 300
327 ccagcgttac ggtggtcgag agcttgatga tggcgattgc cagtgtcatt cccaatttcc 360
329 tcatgggtat catcataggg gccgggattc agggaatatt catgctggt 409
332 <210> SEQ ID NO: 15
333 <211> LENGTH: 375
334 <212> TYPE: DNA
335 <213> ORGANISM: Zea mays
337 <223> OTHER INFORMATION: Clone ID: LIB3179-001-P1-K1-B4 same
339 <400> SEQUENCE: 15
341 cggacgcgtg ggctactcac gccgtactgt ctgattggca acacctcgtg tacacgtagg 60
343 cccggagata tggcatcgcc ggtggccatc ggacggcggt tgttcagcg ggggcccgtc 120

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/696,664

DATE: 05/03/2001

TIME: 15:51:52

Input Set : D:\CORNJUM1099REG.RPT

Output Set: N:\CRF3\05032001\I696664.raw

345 cgcggtggagg cgaggcacgt cgactacagc cagggtcccca gcgtgcccac gccgctcatg 180  
 347 gtgggtcgccc ccaccgacgc cgcggtgtac cccgtggccg tcttcttgca cggctgcaac 240  
 349 acgggtcaaca gctggtatga gagcctcctg tcgcacgtcg cgtcccacgg gttcatcgcc 300  
 351 gtggcgcccc agctctactg cgtgacgctc aacatgaacg acttgaagga catcgacgcc 360  
 353 accaggcagg tcacc 375  
 356 <210> SEQ ID NO: 16  
 357 <211> LENGTH: 258  
 358 <212> TYPE: DNA  
 359 <213> ORGANISM: Zea mays  
 361 <223> OTHER INFORMATION: Clone ID: LIB3179-001-P1-K1-B5 *same*  
 363 <400> SEQUENCE: 16  
 365 caccatatta ttctcaattc actttgtttc ttcataaatc acaaaagata tcacagccaa 60  
 367 ctcaactgcc tctgccccgg caaaaacaac tccaaagacc tataaaactg tctctttacc 120  
 369 cgcccagctt ctgataatcc gaaatggagc agcatgtatg tatattacca aaaacaagat 180  
 371 ggaaaaaagc acaaacaccc gctgctccaa tagcaccctg aaataaacca atgcccgcat 240  
 373 gaacttgact tacaata 258  
 376 <210> SEQ ID NO: 17  
 377 <211> LENGTH: 367  
 378 <212> TYPE: DNA  
 379 <213> ORGANISM: Zea mays  
 381 <223> OTHER INFORMATION: Clone ID: LIB3179-001-P1-K1-B7 *same*  
 383 <400> SEQUENCE: 17  
 385 tgcattgatga gattattcaa ctgtttttca gtcattatga tgtcaaactg tctgggacaa 60  
 387 taccagcaaa ggattttgca ttgtccatgg ttgcttctgc tgacatgaac catatcaaca 120  
 389 agctgcttga tagagtgtat agtttggtca aggagccaga tctgaaggac atacgcatca 180  
 391 cctttgagga gtttaaggca tttgctgatt tgcgacgaag attggagcca ctgtcgatgg 240  
 393 ctatctttgc ttacggtaaa ttgaatgggt tattgacgaa agaggatcta aaacgtgcag 300  
 395 tgcaacatgt ttgcgggggt tacttaacag atagagttgt agacatcatt ttcattgtgt 360  
 397 cgacaca 367  
 400 <210> SEQ ID NO: 18  
 401 <211> LENGTH: 127  
 402 <212> TYPE: DNA  
 403 <213> ORGANISM: Zea mays  
 405 <223> OTHER INFORMATION: Clone ID: LIB3179-001-P1-K1-C10 *same*  
 407 <400> SEQUENCE: 18  
 409 accctagagg ccacaactgc caacttgcca atggtgtgctg tccgacagcg ccggcagctg 60  
 411 tcgaacctta cctcccgct ggaccacttc gccctgcgcy tgccatcgca gtcttagacc 120  
 413 accgtcg 127  
 416 <210> SEQ ID NO: 19  
 417 <211> LENGTH: 408  
 418 <212> TYPE: DNA  
 419 <213> ORGANISM: Zea mays  
 421 <223> OTHER INFORMATION: Clone ID: LIB3179-001-P1-K1-C3 *same*  
 423 <400> SEQUENCE: 19  
 425 ctccgaaata ccacaaacac ccccaatccc acccagaatc cggcggaagt caagccaacc 60  
 427 tccgtctctc atccatgggc gagcaatccc tctcccagcc caaggccag cctctctccc 120  
 429 cgttcccgtc gcctcccgc tccgcgcgtg tgcgcgcccc cgcctctgcc tctgcctctg 180  
 431 cctctgctgc ctccacctcc cgcaccacca gcgcgcgggc ctgcgcgccc aagaagaagg 240  
 433 tgacgaaccc atcgcccgac cgtaaccgg caaagaagcc ccgcctgacg ttctcgatcc 300

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/696,664

DATE: 05/03/2001

TIME: 15:51:53

Input Set : D:\CORNJUM1099REG.RPT

Output Set: N:\CRF3\05032001\I696664.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No  
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7  
L:625 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28  
L:627 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28  
L:629 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28  
L:639 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28  
L:719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32  
L:1019 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46  
L:1073 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49  
L:1113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51  
L:1219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55  
L:1323 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59  
L:1351 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60  
L:1377 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61  
L:1493 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66  
L:1519 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67  
L:1537 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68  
L:1671 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74  
L:1783 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79  
L:1785 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79  
L:1853 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82  
L:1857 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82  
L:1899 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84  
L:1985 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88  
L:1987 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88  
L:2049 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91  
L:2051 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91  
L:2053 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91  
L:2055 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91  
L:2079 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:92  
L:2081 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:92  
L:2111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:93  
L:2113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:93  
L:2137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94  
L:2139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94  
L:2165 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95  
L:2167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95  
L:2213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:97  
L:2215 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:97  
L:2241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:98  
L:2265 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99  
L:2285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:100  
L:2313 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101  
L:2317 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101  
L:2439 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107  
L:2467 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108  
L:2497 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/696,664

DATE: 05/03/2001  
TIME: 15:51:53

Input Set : D:\CORNJUM1099REG.RPT

Output Set: N:\CRF3\05032001\I696664.raw

L:2541 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:111  
L:2627 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:115  
L:2685 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118  
L:2831 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:125